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AMENDMENTS TO THE CLAIMS:

Claims 1-4. (Canceled)

Claim 5. (Currently amended) DNA to which information is added, comprising:
a gene portion including genetic information;
a portion, other than said gene portion, including no genetic information; and
a nucleotide sequence which is added to said portion including no genetic information, and comprises source identification information for identifying a source of said genetic information in said gene portion, said nucleotide sequence being added so as not to affect transmission of said genetic information.

Claims 6-7. (Canceled)

Claim 8. (Currently amended) DNA comprising:
at least one special sequence that is intentionally designed and is included as a part of a nucleotide sequence,
wherein said at least one special sequence comprises source identification information for identifying the source of genetic information included in said DNA, and
wherein said at least one special sequence is added to and embedded in said DNA so as not to affect the transmission of said genetic information included in said DNA.

Claim 9. (Previously presented) The DNA according to claim 8, wherein said at least one special sequence comprises a plurality of sequences embedded at predetermined locations of said DNA.

Claim 10. (Previously presented) The DNA according to claim 8, wherein said at least one special sequence comprises a plurality of sequences having a plurality of types of patterns embedded at predetermined locations of said DNA.

Claim 11. (Currently amended) A nucleotide sequence in DNA, comprising:

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source identification information for identifying a source of genetic information in said DNA,

wherein said information is added to and embedded in said DNA so as not to affect transmission of said genetic information in said DNA.

Claim 12. (Currently amended) A cell in an organism, said cell having DNA comprising:
a gene portion including genetic information;
a portion, other than said gene portion, including no genetic information; and
a nucleotide sequence which is added to said portion including no genetic information, and comprises source identification information for identifying a source of said genetic information in said gene portion, said nucleotide sequence being added so as not to affect transmission of said genetic information.

Claims 13-14. (Canceled)

Claim 15. (Currently amended) DNA comprising:
a first portion comprising genetic information;
a second portion which is devoid of genetic information; and
at least one nucleotide sequence added to said second portion, for identifying a source of said genetic information in said first portion, said nucleotide sequence being added so as not to affect transmission of said genetic information.

Claim 16. (Currently Amended) The DNA according to claim 15, wherein said at least one nucleotide sequence is not naturally-occurring in said DNA comprises source identification information.

Claim 17. (Previously presented) The DNA according to claim 15, wherein said genetic information comprises a value-added gene that is provided by one of selective breeding, cultivation, and gene manipulation.

Claim 18. (Currently amended) The DNA according to claim 15, wherein said at least

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one nucleotide sequence comprises a plurality of sequences having a plurality of types of patterns embedded at predetermined locations in said second portion is embedded into said second portion so as not to affect transmission of said genetic information in said first portion.

Claim 19. (Previously presented) The DNA according to claim 15, wherein said at least one nucleotide sequence comprises a plurality of nucleotide sequences.

Claim 20. (Previously presented) The DNA according to claim 19, wherein said plurality of nucleotide sequences comprises different nucleotide sequences.

Claim 21. (Previously presented) The DNA according to claim 15, wherein said at least one nucleotide sequence is copy tolerant.

Claim 22. (Previously presented) The DNA according to claim 15, wherein said at least one nucleotide sequence is added at a random location in said second portion.

Claim 23. (Currently amended) The DNA according to claim 15, wherein said at least one nucleotide sequence is not naturally occurring in said DNA and is not naturally generated through gene mutation.

Claim 24. (Currently amended) The DNA according to claim 15, wherein said at least one nucleotide sequence comprises one of a restrictive enzyme identification sequence and a promoter promoter.

Claim 25. (Previously presented) The DNA according to claim 15, wherein said at least one nucleotide sequence is detectable using a nucleotide sequence that is complementary to said at least one nucleotide sequence.

Claim 26. (Previously presented) The DNA according to claim 15, wherein said at least

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one nucleotide sequence is added at a predetermined location in said second portion.

Claim 27. (Currently amended) The DNA according to claim 15, wherein said nucleotide sequence corresponds to a source of ~~is not operably-linked to~~ said genetic information in said first portion.